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TRANSMITTAL LETTER INFORMATION DISCLOSURE STATEMENT

Applicant

Tapsak, et al.

App. No

10/695,636

Filed

October 28, 2003

For

SILICONE COMPOSITION FOR

BIOCOMPATIBLE MEMBRANE

Examiner

Unknown

Art Unit

1712

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

April 22, 2005

Rose M. Thiessen, Reg. No. 40,202

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO-1449 listing references for consideration:
 - (X) Listing 485 references.
 - (X) Enclosing 191 references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Rose M. Thiessen

Registration No. 40,202

Attorney of Record

Customer No. 20,995

(619) 235-8550

1674903:sad 042205 Docket No.: DEXCOM.028A

INFORMATION DISCLOSURE STATEMENT

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(Date)

Rose M. Thiessen, Reg. No. 40,202

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is an Information Disclosure Statement by Applicant (PTO-1449) listing 485 references to be considered by the Examiner. Also enclosed are 191 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required. If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated:

Ву:____

Rose M. Thiessen

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Attorney of Record

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1663682:sad:042205

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO. DEXCOM.028A	APPLICATION NO. 10/695,636
PASSORMATION	DISCLOSURE STATEMENT		
	YAPPLICANT	APPLICANT Tapsak, et al.	
MAY 0 4 2005	L SHEETS IF NECESSARY)	FILING DATE October 28, 2003	GROUP 1712

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
	1.	2002-0022883 A1	02/21/02	Burg			6/12/01	
	2.	2002-0042090 A1	04/11/02	Heller, et al.			11/29/01	
	3.	2002-0151796 A1	10/17/02	Koulik			2/9/01	
-	4.	2002-0182241 A1	12/05/02	Boerenstein, et al.	:		1/2/02	
	5.	2002-0193885 A1	12/19/02	Legeay, et al.			3/25/02	
	6.	2003-0032874 A1	02/13/03	Rhodes, et al.			07/27/01	
•	7.	2003-0036803 A1	02/20/03	McGhan, et al.			8/14/01	
	8.	2003-0076082 A1	04/24/03	Morgan, et al.			12/28/01	
	9.	2003-0078481 A1	04/24/03	McIvor, et al.			11/26/02	
	10.	2003-0078560 A1	04/24/03	Miller, et al.			12/27/01	
	11.	2003-0091433 A1	05/15/03	Tam, et al.			11/15/01	
	12.	2003-0217966 A1	11/27/03	Tapsak, et al.			08/22/03	
	13.	2004-0011671 A1	01/22/04	Shults, et al.			07/27/01	
	14.	2004-0045879 A1	03/11/04	Shults, et al.			09/09/03	
	15.	2004-0186362 A1	09/23/04	Brauker, et al.			01/29/04	
	16.	2004-0199059 A1	10/07/04	Brauker, et al.				
	17.	3929971	12/30/75	Roy	423	308	3/30/73	
	18.	3966580	06/29/76	Janata, et al.	204	403.07	9/16/74	
	19.	3979274	09/07/76	Newman	204	403.09	9/24/75	
	20.	4040908	08/09/77	Clark, Jr.	205	778	3/12/76	
	21.	4073713	02/14/78	Newman	204	403.09	7/26/76	
	22.	4076656	02/28/78	White, et al.	521	064	7/20/73	
	23.	4172770	10/30/79	Semersky, et al.	205	778	3/27/78	
	24.	4240889	12/23/80	Yoda, et al.	204	403.09	1/24/79	
	25.	4353888	10/12/82	Sefton	424	424	12/23/80	
	26.	4388166	06/14/83	Suzuki, et al.	204	403.05	5/15/82	
	27.	4415666	11/15/83	D'Orazio, et al.	204	403.11	11/5/81	

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DEXCOM.028A	APPLICATION NO. 10/695,636
INFORMATION DISCLOSURE STATEMENT		
BY APPLICANT	APPLICANT Tapsak, et al.	
(USE SEVERAL SHEETS IF NECESSARY)	FILING DATE October 28, 2003	GROUP 1712

	U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)		
•	28.	4418148	11/29/83	Oberhardt	204	403.11	11/5/81		
	29.	4431004	02/14/84	Bessman, et al.	600	347	10/27/81		
	30.	4436094	03/13/84	Cerami	600	347	1/27/82		
	31.	4484987	11/27/84	Gough	205	778	5/19/83		
	32.	4506680	03/26/85	Stokes	607	120	3/17/83		
	33.	4534355	08/13/85	Potter	600	360	3/26/82		
•	34.	4577642	03/25/86	Stokes	607	120	2/27/85		
	35.	4650547	03/17/87	Gough	205	778	12/20/85		
•	36.	4671288	06/09/87	Gough	600	347	6/13/85		
	37.	4686044	08/11/87	Behnke, et al.	210	500.22	12/9/85		
	38.	4689309	08/25/87	Jones	436	095	9/30/85		
	39.	4702732	10/27/87	Powers, et al.	604	020	11/21/86		
	40.	4703756	11/03/87	Gough, et al.	600	347	5/6/86		
	41.	4711251	12/08/87	Stokes	607	116	3/31/83		
	42.	4753652	06/28/88	Langer, et al.	623	001.42	12/10/86		
	43.	4757022	07/12/88	Shults, et al.	204	403.05	11/19/87		
	44.	4759828	07/26/88	Young, et al.	205	778	4/9/87		
	45.	4776944	10/11/88	Janata, et al.	204	403.08	9/1/87		
	46.	4781798	11/01/88	Gough	205	783	5/8/87		
	47.	4803243	02/07/89	Fujimoto, et al.	525	100	3/25/87		
	48.	4810470	03/07/89	Burkhardt, et al.	422	056	6/19/87		
	49.	4861830	08/29/89	Ward, Jr.	525	092 A	6/22/87		
	50.	4889744	12/26/89	Quaid	427	002.24	5/2/88		
	51.	4890620	01/02/90	Gough	600	348	2/17/88		
	52.	4935345	06/19/90	Guilbeau, et al.	435	014	12/30/87		
	53.	4963595	10/16/90	Ward, et al.	525	415	12/22/88		
	54.	4984929	01/15/91	Rock, et al.	403	230	5/16/89		

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	U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
•	55.	4986671	01/22/91	Sun, et al.	374	131	4/12/89	
	56.	4994167	02/19/91	Shults, et al.	204	403.05	7/7/88	
	57.	5002572	03/26/91	Picha	623	023.74	11/22/88	
	58.	5007929	04/16/91	Quaid .	623	800	7/27/90	
	59.	5059654	10/22/91	Hou, et al.	525	054.1	2/16/89	
	60.	5101814	04/07/92	Palti	600	347	8/11/89	
•	61.	5113871	05/19/92	Viljanto, et al.	600	581	3/15/90	
	62.	5165407	11/24/92	Wilson, et al.	600	345	4/9/91	
•	63.	5190041	03/02/93	Palti	600	347	12/27/91	
	64.	5235003	08/10/93	Ward, et al.	525	476	8/31/90	
	65.	5271736	12/21/93	Picha	623	023.74	9/25/92	
	66.	5314471	05/24/94	Brauker, et al.	623	023.72	4/1/92	
	67.	5322063	06/21/94	Allen, et al.	600	347	10/4/91	
	68.	5326356	07/05/94	Della Valle, et al.	623	015.12	2/16/93	
	69.	5340352	08/23/94	Nakanishi, et al.	450	057	5/28/92	
	70.	5344454	09/06/94	Clarke, et al.	623	023.72	4/1/92	
	71.	5348788	09/20/94	White	428	131	1/30/91	
	72.	5356786	10/18/94	Heller, et al.	205	778	12/2/93	
	73.	5372133	12/13/94	Hogen Esch	600	377	2/3/93	
	74.	5380536	01/10/95	Hubbell, et al.	424	497	8/5/91	
	75.	5391250	02/21/95	Cheney et al.	156	268	3/15/94	
	76.	5397848	03/14/95	Yang, et al.	525	477	5/21/93	
	77.	5428123	06/27/95	Ward, et al.	528	028	4/23/93	
	78.	5431160	07/11/95	Wilkins	600	347	11/9/93	
_	79.	5453278	09/26/95	Chan, et al.	424	422	1/28/94	
	80.	5462064	10/31/95	D'Angelo, et al.	600	584	3/14/94	
	81.	5469846	11/28/95	Khan	600	347	9/27/94	

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	82.	5476094	12/19/95	Allen, et al.	600	342	11/15/93
	83.	5496453	03/05/96	Uenoyama, et al.	205	777.5	10/12/94
	84.	5531878	07/02/96	Vadgama, et al.	205	778	2/17/95
	85.	5540828	07/30/96	Yacynych	205	198	2/15/94
	86.	5545220	08/13/96	Andrews, et al.	623	800	11/4/93
	87.	5545223	08/13/96	Neuenfeldt, et al.	435	325	3/30/95
•	88.	5549675	08/27/96	Neuenfeldt, et al.	435	325	1/11/94
	89.	5564439	10/15/96	Picha	604	890.1	12/27/94
•	90.	5569186	10/29/96	Lord, et al.	604	067	4/25/94
	91.	5569462	10/29/96	Martinson, et al.	424	424	3/31/95
	92.	5589563	12/31/96	Ward, et al.	528	044	4/1/94
	93.	5593440	01/14/97	Brauker, et al.	424	423	5/23/94
	94.	5593852	01/14/97	Heller, et al.	435	014	9/1/94
	95.	5628890	05/13/97	Carter, et al.	204	403.05	9/27/95
	96.	5653756	08/05/97	Clarke, et al.	623	011.11	9/2/94
	97.	5653863	08/05/97	Genshaw, et al.	205	777.5	5/9/96
	98.	5658330	08/19/97	Carlisle, et al.	623	011.11	4/25/95
	99.	5706807	01/13/98	Picha .	600	345	10/11/96
	100.	5711861	01/27/98	Ward, et al.	600	347	11/22/95
	101.	5713888	02/03/98	Neuenfeldt, et al.	604	891.1	6/5/95
	102.	5733336	03/31/98	Neuenfeldt, et al.	435	325	3/30/95
	103.	5741330	04/21/98	Brauker, et al.	424	423	6/7/95
	104.	5756632	05/26/98	Ward, et al.	528	028	6/2/95
,	105.	5776324	07/07/98	Usala	600	345	5/17/96
	106.	5777060	07/07/98	Van Antwerp	528	028	9/26/96
	107.	5782912	07/21/98	Brauker, et al.	424	422	3/17/94
	108.	5783054	07/21/98	Raguse, et al.	204	403.08	4/9/97

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•	109.	5791344	08/11/98	Schulman, et al.	600	347	1/4/96
	110.	5795774	08/18/98	Matsumoto, et al.	204	403.11	7/10/97
	111.	5798065	08/25/98	Picha	264	046.4	10/2/97
	112.	5800529	09/01/98	Brauker, et al.	623	002.38	6/7/95
	113.	5807406	09/15/98	Brauker, et al.	424	423	10/7/94
	114.	5811487	09/22/98	Schulz, Jr., et al.	524	862	12/16/96
•	115.	5840240	11/24/98	Stenoien, et al.	264	425	11/3/95
	116.	5861019	01/19/99	Sun, et al.	607	060	7/25/97
•	117.	5871514	02/16/99	Wiklund, et al.	607	036	8/1/97
	118.	5882494	03/16/99	Van Antwerp	600	347	8/28/95
	119.	5897578	04/27/99	Wiklund, et al.	607	036	8/27/98
	120.	5904708	05/18/99	Goedeke	607	018	3/19/98
	121.	5910554	06/08/99	Kempe, et al.	526	320	6/6/97
	122.	5913998	06/22/99	Butler, et al.	156	245	1/9/97
	123.	5914026	06/22/99	Blubaugh, Jr., et al.	600	347	1/6/97
	124.	5919215	07/06/99	Wiklund, et al.	607	036	8/27/98
	125.	5964261	10/12/99	Neuenfeldt, et al.	141	327	5/28/97
	126.	5964804	10/12/99	Brauker, et al.	424	423	6/7/95
	127.	5965380	10/12/99	Heller, et al.	435	014	1/12/99
	128.	5976085	11/02/99	Kimball, et al.	600	309	10/7/97
	129.	5985129	11/16/99	Gough, et al.	205	724	4/28/92
	130.	5999848	12/07/99	Gord, et al.	607	002	9/12/97
	131.	6001067	12/14/99	Shults, et al.	600	584	3/4/97
	132.	6016448	01/18/00	Busacker, et al.	607	029	10/27/98
	133.	6063637	05/16/00	Arnold, et al.			7/7/97
	134.	6081736	06/27/00	Colvin, et al.	600	377	10/20/97
	135.	6083710	07/04/00	Heller, et al.	600	347	6/16/99

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			ι	J.S. PATENT DOCUMENTS			··-
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	136.	6088608	07/11/00	Schulman, et al.	600	345	10/20/97
-	137.	6119028	09/12/00	Schulman, et al.	600	345	10/20/97
	138.	6135978	10/24/00	Houben, et al.	604	066	3/22/99
	139.	6144869	11/07/00	Berner, et al.	600	347	5/11/99
	140.	6162611	12/19/00	Heller, et al.	435	014	1/3/00
	141.	6175752	01/16/01	Say, et al.	600	345	4/30/98
•	142.	6200772	03/13/01	Vadgama, et al.	435	025	5/10/00
	143.	6201980	03/13/01	Darrow, et al.	600	347	10/5/98
•	144.	6208894	03/27/01	Schulman, et al.	607	002	3/25/98
	145.	6212416	04/03/01	Ward, et al.	600	345	5/22/98
	146.	6230059	05/08/01	Duffin	607	060	3/17/99
	147.	6231879	05/15/01	Li, et al.	424	422	2/9/99
	148.	6233471	05/15/01	Berner, et al.	600	345	5/11/99
	149.	6241863	06/05/01	Monbouquette	205	777.5	4/27/99
	150.	6248067	6/19/01	Causey, III, et al.	600	365	2/5/99
	151.	6256522	7/3/01	Schultz	600	317	8/17/95
	152.	6259937	7/10/01	Schulman, et al.	600	345	6/19/98
	153.	6274285	8/14/01	Gries, et al.	430	162	11/12/99
	154.	6284478	9/4/01	Heller, et al.	435	014	12/4/96
	155.	6299578	10/9/01	Kurnik, et al.	600	309	9/18/97
	156.	6309351	10/30/01	Kurnik, et al.	600	309	8/28/00
	157.	6309384	10/30/01	Harrington, et al.	606	028	2/1/99
	158.	6325978	12/4/01	Labuda, et al.	422	084	8/4/98
	159.	6329161	12/11/01	Heller, et al.	435	014	9/22/00
	160.	6365670	4/2/02	Fry	524	862	3/10/00
	161.	6372244	4/16/02	Antanavich, et al.	424	423	8/25/00
	162.	6447542	9/10/02	Weadock			7/11/00

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DEXCOM.028A	APPLICATION NO. 10/695,636
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(USE SEVERAL SHEETS IF NECESSARY)	FILING DATE October 28, 2003	GROUP 1712

			U	.S. PATENT DOCUMENTS			
· EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	163.	6459917	10/1/02	Gowda, et al.			5/22/00
	164.	6461496	10/8/02	Feldman, et al.			10/27/99
	165.	6471689	10/29/02	Joseph, et al.			08/15/00
	166.	6475750	11/5/02	Han, et al.			08/23/00
	167.	6477392	11/5/02	Honigs, et al.			07/14/00
	168.	6477395	11/5/02	Schulman, et al.			09/14/99
•	169.	6514718	2/4/03	Heller, et al.	435	014	11/29/01
	170.	6520997	2/18/03	Pekkarinen, et al.			12/07/00
•	171.	6527729	3/4/03	Turcott			10/11/00
	172.	6537318	3/25/03	Ita, et al.			04/06/98
	173.	6541107	4/1/03	Zhong, et al.	428	312.6	10/25/99
	174.	6545085	4/8/03	Kilgour, et al.			10/05/01
· · · ·	175.	6546268	4/8/03	Ishikawa, et al.			06/02/00
	176.	6551496	4/22/03	Moles, et al.			03/06/01
	177.	6,558,321	05/06/03	Burd, et al.			08/11/00
	178.	6579498	6/17/03	Eglise			10/11/00
	179.	6615078	9/2/03	Burson, et al.			04/21/00
	180.	6618934	9/16/03	Feldman, et al.			06/15/00
	181.	6,702,857	03/09/04	Brauker, et al.			07/27/01
	182.	6,741,877	05/25/04	Shults, et al.			01/21/00
	183.	3,775,182	11/27/1973	Patton et al.			
	184.	4,197,840	4/15/1980	Beck et al.			
	185.	4,255,500	3/10/1981	Hooke			
	186.	4,374,013	2/15/1983	Enfors			
	187.	4,871,440	10/3/1989	Nagata et al.			
	188.	4,927,407	5/22/1990	Dorman			
	189.	5,171,689	12/15/1992	Kawaguri et al.			

DATE CONSIDERED

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	190.	5,282,848	2/1/1994	Schmitt			
	191.	5384028	1/24/1995	Ito			
	192.	5,571,395	11/5/1996	Park et al.			
	193.	5,575,930	11/19/1996	Tietje-Girault et al.			
	194.	5,584,876	12/17/1996	Bruchman et al.			
	195.	5,683,562	11/4/1997	Schaffar et al.			
•	196.	5,686,829	11/11/1997	Girault			
	197.	5,787,900	8/4/1998	Butler et al.			
-	198.	5,833,603	11/10/1998	Kovacs et al.			
	199.	5,837,728	11/17/1998	Purcell		-	
	200.	5,964,993	10/12/1999	Blubaugh et al.			
	201.	6,011,984	1/4/2000	Van Antwerp et al.			
	202.	6,013,113	1/11/2000	Mika			
	203.	6,049,727	04/11/2000	Crothall			
	204.	6,187,062	2/13/2002	Oweis et al.	-		
	205.	6,275,717	8/14/2001	Gross, et al.			
	206.	6,300,002	10/9/2001	Webb et al.			
	207.	6,325,979	12/4/2001	Hahn et al.			
	208.	6,330,464	12/11/2001	Colvin et al.			
	209.	6,400,974	6/4/2002	Lesho			
	210.	6,409,674	6/25/2002	Brockway et al.			
	211.	6,447,448	9/10/2002	Ishikawa et al.			
	212.	6,454,710	9/24/2002	Ballerstadt et al.			
	213.	6,466,810	10/15/2002	Ward, et al.			
	214.	6,547,839	4/15/2003	Zhang et al.			
·	215.	2003-0006669	1/9/2003	Pei et al.			
<u></u>	216.	2003-0023317	1/30/2002	Brauker et al.			

EXAMINER	DATE CONSIDERED

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	U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
•	217.	2003-0070548	4/17/2003	Clausen				
	218.	2003-0125613	7/3/2003	Enegren et al.				
	219.	2004-0106857	06/03/2004	Gough				
	220.	US3964974	06-22-1976	Banauch, et al.				
	221.	US4024312	05-17-1977	Korpman, Ralf				
	222.	US4215703	08-05-1980	Willson, James K. V.				
•	223.	US4259540	03-31-1981	Sabia, Raffaele A.				
	224.	US4663824	05-12-1987	Kenmochi, Kazuei				
•	225.	· US4871440	10-03-1989	Nagata, et al.				
	226.	US5067491	11-26-1991	Taylor, et al.				
	227.	US5285513	02-08-1994	Kaufman, et al.			•	
	228.	US5304468	04-19-1994	Phillips, et al.				
	229.	US5310469	05-10-1994	Cunningham, et al.				
	230.	US5330521	07-19-1994	Cohen, Donald M.				
	231.	US5342409	08-30-1994	Mullett, Keith R.				
	232.	US5343869	09-06-1994	Pross, et al.				
	233.	US5390671	02-21-1995	Lord, et al.				
	234.	US5411647	05-02-1995	Johnson, et al.				
	235.	US5484404	01-16-1996	Schulman, et al.				
	236.	US5491474	02-13-1996	Suni, et al.				
	237.	US5568806	10-29-1996	Cheney, et al.				
	238.	US5586553	12-24-1996	Halili, et al.				
	239.	US5590651	01-07-1997	Shaffer, et al.				
	240.	US5624537	04-29-1997	Turner, et al.				
	241.	US5660163	08-26-1997	Schulman, et al.				
	242.	US5779665	07-14-1998	Mastrototaro, et al.			_	
	243.	US5851197	12-22-1998	Marano, et al.				

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WIT	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
•	244.	US5917346	06-29-1999	Gord, John C.			
	245.	US5931814	08-03-1999	Alex, et al.			
	246.	ÜS5957903	09-28-1999	Mirzaee, et al.			
	247.	US6001471	12-14-1999	Bries, et al.			
	248.	US6093172	07-25-2000	Funderburk, et al.			
	249.	US6103033	08-15-2000	Say, et al.			
•	250.	US6115634	09-05-2000	Donders, et al.			
	251.	US6121009	09-19-2000	Heller, et al.			
•	252.	US6134461	10-17-2000	Say, et al.			
	253.	US6167614	01-02-2001	Tuttle, et al.			
	254.	US6189536	02-20-2001	Martinez, et al.			
	255.	US6206856	03-27-2001	Mahurkar, Sakharam D.		·	
	256.	US6208894	03-27-2001	Schulman, et al.			
	257.	US6212416	04-03-2001	Ward, et al.			
	258.	US6214185	04-10-2001	Offenbacher, et al.			
	259.	US6259937	07-10-2001	Schulman, et al.			
	260.	US6293925	09-25-2001	Safabash, et al.			
	261.	US6368274	04-09-2002	Van Antwerp et al.			
	262.	US6405066	06-11-2002	Essenpreis, et al.			
	263.	US6406066	06-18-2002	Uegane, Masayuki			
	264.	US6413393	07-02-2002	Van Antwerp et al.			
	265.	US6424847	07-23-2002	Mastrototaro, et al.			
	266.	US6481440	11-19-2002	Gielen, et al.			
	267.	US6498043	12-24-2002	Schulman, et al.			
	268.	US6560471	05-06-2003	Heller, et al.			
	269.	US6569521	05-27-2003	Sheridan, et al.			7-1-
	270.	US6585763	07-01-2003	Keilman, et al.			

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U.S. PATENT DOCUMENTS							
EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
•	271.	US6607509	08-19-2003	Bobroff, et al.			
	272.	US6613379	09-02-2003	Ward, et al.			
_	273.	US6642015	11-04-2003	Vachon, et al.			
-	274.	US6645181	11-11-2003	Lavi, et al.			
	275.	US6648821	11-18-2003	Lebel, et al.			
	276.	US6654625	11-25-2003	Say, et al.			
•	277.	US6683535	01-27-2004	Utke, Gene H.			
	278.	US6694191	02-17-2004	Starkweather, et al.			
•	279.	US6695860	02-24-2004	Ward, et al.			
	280.	US6699218	03-02-2004	Flaherty, et al.			
	281.	US6721587	04-13-2004	Gough, David A.			
	282.	US6731976	05-04-2004	Penn, et al.			
	283.	US6740075	05-25-2004	Lebel, et al.			
	284.	US6810290	10-26-2004	Lebel, et al.			
	285.	US2003188427A1	10-09-2003	Say, et al.			
	286.	US2003199744A1	10-23-2003	Buse, et al.			
	287.	US2004010207A1	01-15-2004	Flaherty, et al.			
	288.	US2004015134A1	01-22-2004	Lavi, et al.			
	289.	US2004030285A1	02-12-2004	Lavi, et al.			
	290.	US2004030294A1	02-12-2004	Mahurkar, Sakharam D.			
	291.	US2004039406A1	02-26-2004	Jessen, Jonh W.			
	292.	US2004068230A1	04-08-2004	Estes, et al.			-
	293.	US2004186365A1	09-23-2004	Jin, et al.			
	294.	US2004219664A1	11-04-2004	Heller, et al.			

			FOREIGN PATENT DOCUMENTS		_	
EXAMINER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION

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INITIAL						YES	NO
•	295.	EP0107634	5/2/84	EPO			
	296.	EP0535898	4/7/93	EPO	İ		
•	297.	EP0817809	7/31/02	EPO	İ		
	298.	EP0885932	12/23/98	EPO			
	299.	FR 2760962	9/25/98	France			Х
	300.	GB 1442303	7/14/76	United Kingdom			
	301.	WO0019887	4/13/00	PCT			
	302.	WO0033065	6/8/00	PCT			
•	303.	WO0120019	3/22/01	PCT			
	304.	WO0120334	3/22/01	PCT			
-	305.	WO 01/58348	8/16/01	РСТ			
-	306.	WO 01/88524	11/22/01	PCT .			
	307.	WO 02/053764	7/11/02	PCT			
	308.	WO 90/00738	1/25/90	PCT			
	309.	WO 92/07525	5/14/92	PCT			·
	310.	WO 92/13271	8/6/92	РСТ			·
	311.	WO 93/19701	10/14/93	PCT			
	312.	WO 96/01611	1/25/96	PCT			
	313.	WO 96/30431	10/3/96	PCT			
	314.	WO 96/32076	10/17/96	PCT			
	315.	WO 96/36296	11/21/96	PCT			
	316.	EP 0 534 074	3/31/1993	EPO			
	317.	FR 2 656 423	6/28/1991	France			
	318.	JP 62083849	4/17/1987	Japan			
	319.	WO 00/13003	3/9/2000	РСТ			
	320.	WO 00/32098	6/8/2000	PCT	-		
	321.	WO 00/59373	10/12/2000	PCT		-	
	322.	WO 01/12158	2/22/2001	PCT			
	323.	WO 01/43660.	6/21/2001	PCT			
	324.	WO 97/43633	11/20/1997				

EXAMINER	DATE CONSIDERED
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FOREIGN PATENT DOCUMENTS								
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INITIAL							YES	NO
	325.	WO 98/24358	6/11/1998	PCT			•	
	326.	WO 95/07109	03-16-1995	PCT				
	327.	EP776628A2	06-04-1997	EPO				
	328.	WO03101862A1	12/11/2003	PCT				

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	329.	Atanasov, et al. Biosensor for Continuous Glucose Monitoring. Biotechnology and Bioengineering 1994, 43, 262-266
•	330.	Baker, et al. Dynamic concentration challenges for biosensor characterization. Biosens Bioelectron 1993, 8, 433-441
	331.	Bani Amer, M. M. An accurate amperometric glucose sensor based glucometer with eliminated cross-sensitivity. J Med Eng Technol 2002, 26, 208-13
	332.	Beach, et al. Subminiature implantable potentiostat and modified commercial telemetry device for remote glucose monitoring. IEEE Transactions on Instrumentation and Measurement 1999, 48, 1239-1245
	333.	Bindra, et al. Pulsed amperometric detection of glucose in biological fluids at a surface-modified gold electrode. Anal Chem 1989, 61, 2566-2570
	334.	Bode, B. W. Clinical utility of the continuous glucose monitoring system. Diabetes Technol Ther 2000, 2 Suppl 1, S35-41
	335.	Bode, et al. Continuous glucose monitoring used to adjust diabetes therapy improves glycosylated hemoglobin: a pilot study. Diabetes Res Clin Pract 1999, 46, 183-190
		Bode, et al. Using the continuous glucose monitoring system to improve the management of type 1 diabetes. Diabetes Technol Ther 2000, 2 Suppl 1, S43-8
	337.	Bott, A. W. A Comparison of Cyclic Voltammetryand Cyclic Staircase Voltammetry. Current Separations 1997, 16:1, 23-26
	338.	Brauker, et al. Neovascularization of synthetic membranes directed by membrane microarchitecture. J Biomed Mater Res 1995, 29, 1517-1524
	339.	Brauker, et al. Sustained expression of high levels of human factor IX from human cells implanted within an immunoisolation device into athymic rodents. Hum Gene Ther 1998, 9, 879-888
	340.	Brauker, J.H. Unraveling Mysteries at the Biointerface: Molecular Mediator of Inhibition of Blood Vessel Formation in the Foreign Body Capsule Revealed. Surfacts Biomaterials 2001,6, 1;5
	341.	Bremer, et al. Benchmark data from the literature for evaluation of new glucose sensing technologies. Diabetes Technol Ther 2001, 3, 409-418
	342.	Brunner, et al. Validation of home blood glucose meters with respect to clinical and analytical approaches. Diabetes Care 1998, 21, 585-590
	343.	D'Arrigo, et al. Porous-Si based bioreactors for glucose monitoring and drugs production. Proc. of SPIE 2003, 4982, 178-184
	344.	Dixon, et al. Characterization in vitro and in vivo of the oxygen dependence of an enzyme/polymer biosensor for monitoring brain glucose. J Neurosci Methods 2002, 119, 135-142
	345.	Ernst, et al. Reliable glucose monitoring through the use of microsystem technology. Anal Bioanal Chem 2002, 373, 758-761
	346.	Fare, et al. Functional characterization of a conducting polymer-based immunoassay system. Biosens Bioelectron 1998, 13, 459-470
	347.	Frost, et al. Implantable chemical sensors for real-time clinical monitoring: progress and challenges. Curr Opin Chem Biol 2002, 6, 633-641
	348.	Geller, et al. Use of an immunoisolation device for cell transplantation and tumor immunotherapy. Ann NY Acad Sci 1997, 831, 438-451

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WIT	

	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DEXCOM.028A	APPLICATION NO. 10/695,636
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	(USE SEVERAL	SHEETS IF NECESSARY)	FILING DATE October 28, 2003	GROUP 1712

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	349.	Gerritsen, M. Problems associated with subcutaneously implanted glucose sensors. Diabetes Care 2000, 23, 143-5.
•	350.	Gerritsen, et al. Influence of inflammatory cells and serum on the performance of implantable glucose sensors. J Biomed Mater Res 2001, 54, 69-75
	351.	Gerritsen, et al. Performance of subcutaneously implanted glucose sensors for continuous monitoring. Neth J Med 1999, 54, 167-179
	352.	Gilligan et al. Evaluation of a subcutaneous glucose sensor out to 3 months in a dog model. Diabetes Care 1994, 17:8, 882-887
	353.	Gough, et al. Immobilized glucose oxidase in implantable glucose sensor technology. Diabetes Technol Ther 2000, 2, 377-380.
	354.	Gross, et al. Performance evaluation of the MiniMed continuous glucose monitoring system during patient home use. Diabetes Technol Ther 2000, 2, 49-56.
	355.	Gross, et al. Efficacy and reliability of the continuous glucose monitoring system. Diabetes Technol Ther 2000, 2 Suppl 1, S19-26
	356.	Gross, Todd, "Letters to the Editor Re: Diabetes Technology & Therapeutics, 2000;2:49-56," Vol. 3, No. 1, p.130-131, 2001
	357.	Hall, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part 1. An adsorption-controlled mechanism. Electrochimica Acta 1998, 43, 579-588
	•••	Hall, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part II: effect of potential. Electrochimica Acta 1998, 43, 2015-2024
•	359.	Hall, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part III: Effect of temperature. Electrochimica Acta 1999, 44, 2455-2462
	360.	Hall, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part IV: phosphate buffer dependence. Electrochimica Acta 1999, 44, 4573-4582
	361.	Hall, et al. Electrochemical oxidation of hydrogen peroxide at platinum electrodes. Part V: inhibition by chloride. Electrochimica Acta 2000, 45, 3573-3579
	362.	Hitchman, M. Measurement of Dissolved Oxygen. Chemical Analysis 1978, 49, 34-123
	363.	Huang, C., O'Grady, W.E.; Yeager, E. Electrochemical Generation of Oxygen. 1: The Effects of Anions and Cations on Hydrogen Chemisorption and Aniodic Oxide Film Formation on Platinum Electrode. 2: The Effects of Anions and Cations on Oxygen Generation on Platinum Electrode, pp 1-116, Aug. 1975.
	364.	Ishikawa, et al. Initial evaluation of a 290-microm diameter subcutaneous glucose sensor: glucose monitoring with a biocompatible, flexible-wire, enzyme-based amperometric microsensor in diabetic and nondiabetic humans. J Diabetes Complications 1998, 12, 295-301
	365.	Jensen, et al. Fast Wave Forms for Pulsed Electrochemical Detection of Glucose by Incorporation of Reduction Desorption of Oxidation Products. Analytical Chemistry 1997, 69, 1776-1781
	366.	Johnson, et al. In vivo evaluation of an electroenzymatic glucose sensor implanted in subcutaneous tissue. Biosens Bioelectron 1992, 7, 709-714.
	367.	Jovanovic, L. The role of continuous glucose monitoring in gestational diabetes mellitus. Diabetes Technol Ther 2000, 2 Suppl 1, S67-71
	368.	Kargol, et al. Studies on the structural properties of porous membranes: measurement of linear dimensions of solutes. Biophys Chem 2001, 91, 263-271
	369.	Kaufman, F. R. Role of the continuous glucose monitoring system in pediatric patients. Diabetes Technol Ther 2000, 2 Suppl 1, S49-52
	370.	Kiechle, F.L. The impact of continuous glucose monitoring on hospital point-of-care testing programs. Diabetes Technol Ther 2001, 3, 647-649
	371.	Koschinsky, et al. Sensors for glucose monitoring: technical and clinical aspects. Diabetes Metab Res Rev 2001, 17, 113-123
		Kruger, et al. Psychological motivation and patient education: a role for continuous glucose monitoring. Diabetes Technol Ther 2000, 2 Suppl 1, S93-7
	373.	Lee, et al. Effects of pore size, void volume, and pore connectivity on tissue responses. Society for Biomaterials 1999, 25 th Annual Meeting, 171
	374.	Lerner, et al. An implantable electrochemical glucose sensor. Ann N Y Acad Sci 1984, 428, 263-278

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION I	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE DISCLOSURE STATEMENT	ATTY. DOCKET NO. DEXCOM.028A	APPLICATION NO. 10/695,636
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
	375.	Leypoldt, et al. Model of a two-substrate enzyme electrode for glucose. Anal Chem 1984, 56, 2896-2904	
	376.	Makale, et al. Tissue window chamber system for validation of implanted oxygen sensors. Am J Physiol Heart Circ Physiol 2003, 284, 1-24	
	377.	Malin, et al. Noninvasive Prediction of Glucose by Near-Infrared Diffuse Reflectance Spectroscopy. Clinical Chemistry, 45:9, 1651-1658, 1999.	
	378.	Maran, et al. Continuous subcutaneous glucose monitoring in diabetic patients: a multicenter analysis. Diabetes Care 2002, 25, 347-52	
	379.	Mastrototaro, J. J.; Gross, T. M., "Reproducibility of the continuous glucose monitoring system matches previous reports and the intended use of the product. <i>Diabetes Care</i> , 26:256; author reply p. 257, 2003.	
	380.	Matsumoto, et al. A long-term lifetime amperometric glucose sensor with a perfluorocarbon polymer coating. Biosens Bioelectron 2001, 16, 271-276	
	381.	Miller, A. Human monocyte/macrophage activation and interleukin 1 generation by biomedical polymers. J Biomed Mater Res 1988, 23, 713-731	
	382.	Miller, et al. Generation of IL-1 like activity in response to biomedical polymer implants: a comparison of in vitro and in vivo models. J Biomed Mater Res 1989, 23, 1007-1026	
•	383.	Miller, et al. In vitro stimulation of fibroblast activity by factors generated from human monocytes activated by biomedical polymers. Journal of J Biomed Mater Res 1989, 23, 911-930	
	384.	Moussy, et al. Biomaterials community examines biosensor biocompatibility. Diabetes Technol Ther 2000, 2, 473-477	
		Mowery, et al. Preparation and characterization of hydrophobic polymeric films that are thromboresistant via nitric oxide release. Biomaterials 2000, 21, 9-21	
	386.	Myler, et al. Ultra-thin-polysiloxane-film-composite membranes for the optimisation of amperometric oxidase enzyme electrodes. Biosens Bioelectron 2002, 17, 35-43	
	387.	Nam, et al. A novel fabrication method of macroporous biodegradable polymer scaffolds using gas foaming salt as a porogen additive. J Biomed Mater Res 2000, 53, 1-7	
	388.	Palmisano, et al. Simultaneous monitoring of glucose and lactate by an interference and cross-talk free dual electrode amperometric biosensor based on electropolymerized thin films. Biosens Bioelectron 2000, 15, 531-539	
	389.	Pitzer, et al. Detection of hypoglycemia with the GlucoWatch biographer. Diabetes Care 2001, 24, 881-5	
	390.	Poitout, et al. A glucose monitoring system for on line estimation in man of blood glucose concentration using a miniaturized glucose sensor implanted in the subcutaneous tissue and a wearable control unit. Diabetologia 1993, 36, 658-663	
	391.	Postlethwaite, et al. Interdigitated Array Electrode as an Alternative to the Rotated Ring-Disk Electrode for Determination of the Reaction Products of Dioxygen Reduction. Analytical Chemistry 1996, 68, 2951-2958.	
	392.	Ratner, B.D. Reducing capsular thickness and enhancing angiogenesis around implant drug release systems. J Control Release 2002, 78, 211-218	
	393.	Reach, Gerard, "Letters to the Editor Re: Diabetes Technology & Therapeutics, 2000;2:49-56," Vol. 3, No. 1, p.129-130, 2001	
		Rhodes et al., Prediction of pocket-portable and implantable glucose enzyme electrode performance from combined species permeability and digital simulation analysis. Analytical Chemistry 1994, 66, 1520-1529	
	395.	Sansen, et al. A smart sensor for the voltammetric measurement of oxygen or glucose concentrations. Sensors and Actuators 1990, 1, 298-302	
	396.	Sansen, et al. "Glucose sensor with telemetry system." Ko, W.H. (Ed). Implantable Sensors for Closed Loop Prosthetic Systems, Ch. 12, 167-175, Futura Publishing Co. (1985).	
	397.	Schmidt, et al. Glucose concentration in subcutaneous extracellular space. Diabetes Care 1993, 16, 695-700	
	398.	Schoemaker, et al. The SCGM1 System: Subcutaneous Continuous Glucose Monitoring Based on Microdialysis Technique. Diabetes Technol Ther 2003, 5, 599-608	
	399.	Shults, et al: A telemetry-instrumentation system for monitoring multiple subcutaneously implanted glucose sensors. IEEE Transactions on Biomedical Engineering 1994, 41, 937-942	
	400.	Sieminski, et al. Biomaterial-microvasculature interactions. Biomaterials 2000, 21, 2233-2241	

EXAMINER	DATE CONSIDERED
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DEXCOM.028A	APPLICATION NO. 10/695,636
INFORMATION (DISCLOSURE STATEMENT		
Вү	'APPLICANT	APPLICANT Tapsak, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE October 28, 2003	GROUP 1712

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
		Skyler, J. S. The economic burden of diabetes and the benefits of improved glycemic control: the potential role of a continuous glucose monitoring system. Diabetes Technol Ther 2000, 2 Suppl 1, S7-12
	102	Steil, et al. Determination of plasma glucose during rapid glucose excursions with a subcutaneous glucose sensor. Diabetes Technol Ther 2003, 5, 27-31
	403.	Tanenberg, et al. Continuous glucose monitoring system: a new approach to the diagnosis of diabetic gastroparesis. Diabetes Technol Ther 2000, 2 Suppl 1, S73-80
	404.	Tang, et al. Fibrin(ogen) mediates acute inflammatory responses to biomaterials. J Exp Med 1993, 178, 2147-2156
	405.	Tang, et al. Inflammatory responses to biomaterials. Am J Clin Pathol 1995, 103, 466-471
	406.	Tang, et al. Mast cells mediate acute inflammatory responses to implanted biomaterials. Proc Natl Acad Sci U S A 1998, 95, 8841-8846
	407.	Tang, et al. Molecular determinants of acute inflammatory responses to biomaterials. J Clin Invest 1996, 97, 1329-1334
	408.	Thome-Duret, et. al. Modification of the sensitivity of glucose sensor implanted into subcutaneous tissue. Diabetes Metab 1996, 22, 174-178.
	,,,,,	Tibell, et al. Survival of macroencapsulated allogeneic parathyroid tissue one year after transplantation in nonimmunosuppressed humans. Cell Transplant 2001, 10, 591-9
	410.	Tierney, et al. The GlucoWatch biographer: a frequent automatic and noninvasive glucose monitor. Ann Med 2000, 32, 632-641
	411.	Updike et al. Enzymatic glucose sensors: improved long-term performance in vitro and in vivo. ASAIO Journal 1994, 40, 157-163
	412.	Updike et al. "Principles of long-term fully implanted sensors with emphasis on radiotelemetric monitoring of blood glucose from inside a subcutaneous foreign body capsule (FBC)." Fraser, D.M. (Ed.). <u>Biosensors in the body: continuous in vivo monitoring</u> , Chap. 4, pp 117-137, John Wiley & Sons Ltd., (1997)
	413.	Updike, et al. A subcutaneous glucose sensor with improved longevity, dynamic range, and stability of calibration. Diabetes Care 2000, 23, 208-214
	414.	Updike, et al. The enzyme electrode. Nature 1967, 214, 986-988
	415.	Wagner, et al. A. Continuous amperometric monitoring of glucose in a brittle diabetic chimpanzee with a miniature subcutaneous electrode. Proc Natl Acad Sci U S A 1998, 95, 6379-6382
		Ward, et al., Rise in background current over time in a subcutaneous glucose sensor in the rabbit: relevance to calibration and accuracy. Biosensors & Bioelectronics 2000, 15, 53-61.
	417.	Wilkins, E.; Atanasov, P.; Muggenburg, B. A., "Integrated implantable device for long-term glucose monitoring," Biosens Bioelectron 1995, 10, 485-494
	418.	Wilson, et al. Enzyme-based biosensors for in vivo measurements. Chem Rev 2000, 100:2693-2704.
	419.	Wu, et al. In situ electrochemical oxygen generation with an immunoisolation device. Ann N Y Acad Sci 1999, 875, 105-125
	420.	Yang, et al. Development of needle-type glucose sensor with high selectivity. Science and Actuators B 1998, 46, 249-256
	421.	U.S. Patent Application No. 09/447,227, filed 11/22/99, Docket No. DEXCOM.008DV1.
	422.	U.S. Patent Application No. 10/632,537 filed 08/01/03, Docket No. DEXCOM.024A.
	423.	U.S. Patent Application No. 10/633,329 filed 08/01/03, Docket No. DEXCOM.026A.
	424.	U.S. Patent Application No. 10/633,367 filed 08/01/03, Docket No. DEXCOM.016A.
	425.	U.S. Patent Application No. 10/633,404 filed 08/01/03, Docket No. DEXCOM.025A.
	426.	U.S. Patent Application No. 10/646,333 filed 08/22/03, Docket No. DEXCOM.011A.
	427.	U.S. Patent Application No. 10/647,065 filed 08/22/03, Docket No. DEXCOM.012A.

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(USE SEVERAL	SHEETS IF NECESSARY)	FILING DATE October 28, 2003	GROUP 1712

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	428.	U.S. Patent Application No. 10/648,849 filed 08/22/03, Docket No. DEXCOM.027A.
•	429.	U.S. Patent Application No. 10/789,359 filed 02/26/04, Docket No. DEXCOM.037A.
	430.	U.S. Patent Application No. 10/838,658 filed 05/03/04, Docket No. DEXCOM.045A.
	431.	U.S. Patent Application No. 10/838,909 filed 05/03/04, Docket No. DEXCOM.044A.
	432.	U.S. Patent Application No. 10/838,912 filed 05/03/04, Docket No. DEXCOM.043A.
	433.	U.S. Patent Application No. 10/842,716 filed 05/10/04, Docket No. DEXCOM.012CP1.
	434.	U.S. Patent Application No. 10/846,150 filed 05/14/04, Docket No. DEXCOM.8DV1CP.
•	435.	U.S. Patent Application No. 10/885,476 filed 07/06/04, Docket No. DEXCOM.048A.
	436.	U.S. Patent Application No. 10/896,637 filed 07/21/04, Docket No. DEXCOM.019A.
•	437.	U.S. Patent Application No. 10/897,772 filed 07/21/04, Docket No. DEXCOM.020A.
	438.	U.S. Patent Application No. 10/896,639 filed 07/21/04, Docket No. DEXCOM.021A.
	439.	U.S. Patent Application No. 10/897,377 filed 07/21/04, Docket No. DEXCOM.022A.
	440.	U.S. Patent Application No. 10/896,312 filed 07/21/04, Docket No. DEXCOM.023A.
	441.	Abel, P. U.; von Woedtke, T. Biosensors for in vivo glucose measurement: can we cross the experimental stage. Biosens Bioelectron 2002, 17, 1059-1070
	442.	Atanasov, P.; Yang, S.; Salehi, C.; Ghindilis, A. L.; Wilkins, E.; Schade, D. Implantation of a refillable glucose monitoring-telemetry device. Biosens Bioelectron 1997, 12, 669-680
	443.	Bowman, L.; Meindl, J. D. The packaging of implantable integrated sensors. IEEE Trans Biomed Eng 1986, 33, 248-255
	444.	polymer. Anal Chem 2004, 76, 4038-4043
		Cox, D. J.; Clarke, W. L.; Gonder-Frederick, L.; Pohl, S.; Hoover, C.; Snyder, A.; Zimbelman, L.; Carter, W. R.; Bobbitt, S.; Pennebaker, J. Accuracy of perceiving blood glucose in IDDM. Diabetes Care 1985, 8, 529-536
	446.	El-Sa'ad, L.; Yates, D. Moisture Absorption by Epoxy Resins: the Reverse Thermal Effect. Journal of Materials Science 1990, 25, 3577-3582
	447.	Feldman, B.; Brazg, R.; Schwartz, S.; Weinstein, R. A continuous glucose sensor based on wired enzyme technology results from a 3-day trial in patients with type 1 diabetes. Diabetes Technol Ther 2003, 5, 769-779
	448.	Garg, S.; Schwartz, S.; Edelman, S. Improved Glucose Excursions Using an Implantable Real-Time Continuous Glucose Sensor in Adults with Type I Diabetes. Diabetes Care 2004, 27, 734-738
	449.	
	450.	Heller, A. Implanted electrochemical glucose sensors for the management of diabetes. Annu Rev Biomed Eng 1999, 1, 153-175
	451.	
	452.	Hrapovic, S.; Luong, J. H. Picoamperometric detection of glucose at ultrasmall platinum-based biosensors: preparation and characterization. Anal Chem 2003, 75, 3308-3315
	453.	the test of the second
	454.	Jeutter, D. C. A transcutaneous implanted battery recharging and biotelemeter power switching system. IEEE Trans Biomed Eng 1982, 29, 314-321
	455.	Kang, S. K.; Jeong, R. A.; Park, S.; Chung, T. D.; Park, S.; Kim, H. C. In vitro and short-term in vivo characteristics of a Kel-F thin film modified glucose sensor. Anal Sci 2003, 19, 1481-1486

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WIT	

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EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	456.	Kraver, K.; Guthaus, M. R.; Strong, T.; Bird, P.; Cha, G.; Hoeld, W.; Brown, R. A mixed-signal sensor interface microinstrument. Sensors and Actuators A: Physical 2001, 91, 266-277
•	457.	March, W. F. Dealing with the delay. Diabetes Technol Ther 2002, 4, 49-50
	458.	Mastrototaro, J. J. The MiniMed continuous glucose monitoring system. Diabetes Technol Ther 2000, 2 Suppl 1, S13-8
	459.	McCartney, L. J.; Pickup, J. C.; Rolinski, O. J.; Birch, D. J. Near-infrared fluorescence lifetime assay for serum glucose based on allophycocyanin-labeled concanavalin A. Anal Biochem 2001, 292, 216-221
	460.	McGrath, M. J.; Iwuoha, E. I.; Diamond, D.; Smyth, M. R. The use of differential measurements with a glucose biosensor for interference compensation during glucose determinations by flow injection analysis. Biosens Bioelectron 1995, 10, 937-943
	461.	Memoli, A.; Annesini, M. C.; Mascini, M.; Papale, S.; Petralito, S. A comparison between different immobilised glucoseoxidase-based electrodes. J Pharm Biomed Anal 2002, 29, 1045-1052
ę	462.	Moatti-Sirat, D.; Capron, F.; Poitout, V.; Reach, G.; Bindra, D. S.; Zhang, Y.; Wilson, G. S.; Thevenot, D. R. Towards continuous glucose monitoring: in vivo evaluation of a miniaturized glucose sensor implanted for several days in rat subcutaneous tissue. Diabetologia 1992, 35, 224-230
	463.	Ohara, T. J.; Rajagopalan, R.; Heller, A. "Wired" enzyme electrodes for amperometric determination of glucose or lactate in the presence of interfering substances. Anal Chem 1994, 66, 2451-2457
•	464.	Okuda, J.; Miwa, I. Mutarotase effect on micro determinations of D-glucose and its anomers with -D-glucose oxidase. Anal Biochem 1971, 43, 312-315
	465.	Patel, H.; Li, X.; Karan, H. I. Amperometric glucose sensors based on ferrocene containing polymeric electron transfer systems-a preliminary report. Biosens Bioelectron 2003, 18, 1073-6
	466.	Pichert, J. W.; Campbell, K.; Cox, D. J.; D'Lugin, J. J.; Moffat, J. W.; Polonsky, W. H.; CN, P. o. G. D. P. S. G. Issues for the coming age of continuous glucose monitoring. Diabetes Educ 2000, 26, 969-980
	467.	Quinn, C. A.; Connor, R. E.; Heller, A. Biocompatible, glucose-permeable hydrogel for in situ coating of implantable biosensors. Biomaterials 1997, 18, 1665-1670
	468.	Reach, G.; Abel, P.; Fischer, U. A Method for Evaluating in vivo the Functional Characteristics of Glucose Sensors. Biosensors 1986, 2, 211-220
	469.	Schuler, R.; Wittkampf, M.; Chemnitius, G. C. Modified gas-permeable silicone rubber membranes for covalent immobilisation of enzymes and their use in biosensor development. Analyst 1999, 124, 1181-1184
	470.	Selam, J. L. Management of diabetes with glucose sensors and implantable insulin pumps. From the dream of the 60s to the realities of the 90s. ASAIO J 1997, 43, 137-142
	471.	Service, R. F. Can sensors make a home in the body? Science 2002, 297, 962-3
		Shichiri, M.; Kawamori, R.; Yamasaki, Y.; Hakui, N.; Abe, H. Wearable artificial endocrine pancrease with needle-type glucose sensor. Lancet 1982, 2, 1129-1131
		Shichiri, M., Kawamori, R.; Yamasaki, Y.; Hakui, N.; Asakawa, N.; Abe, H. Needle-type Glucose Sensor for Wearable Artificial Endocrine Pancreas. Book Implantable Sensors 1985, 197-210
	474.	Sriyudthsak, M.; Cholapranee, T.; Sawadsaringkarn, M.; Yupongchaey, N.; Jaiwang, P. Enzyme-epoxy membrane based glucose analyzing system and medical applications. Biosens Bioelectron 1996, 11, 735-742
	475.	Sternberg, R.; Barrau, M. B.; Gangiotti, L.; Thevenot, D. R.; Bindra, D. S.; Wilson, G. S.; Velho, G.; Froguel, P.; Reach, G. Study and development of multilayer needle-type enzyme-based glucose microsensors. Biosensors 1989, 4, 27-40
		Thome-Duret, V.; Aussedat, B.; Reach, G.; Gangnerau, M. N.; Lemonnier, F.; Klein, J. C.; Zhang, Y.; Hu, Y.; Wilson, G. S. Continuous glucose monitoring in the free-moving rat. Metabolism 1998, 47, 799-803
		Tierney, M. J.; Garg, S.; Ackerman, N. R.; Fermi, S. J.; Kennedy, J.; Lopatin, M.; Potts, R. O.; Tamada, J. A. Effect of acetaminophen on the accuracy of glucose measurements obtained with the GlucoWatch biographer. Diabetes Technol Ther 2000, 2, 199-207
	478.	Trecroci, D. A Glimpse into the Future- Continuous Monitoring of Glucose with a Microfiber. Diabetes Interview 2002, 42-43
	479.	Velho, G.; Froguel, P.; Sternberg, R.; Thevenot, D. R.; Reach, G. In vitro and in vivo stability of electrode potentials in needle-type glucose sensors. Influence of needle material. Diabetes 1989, 38, 164-171
	480.	Wang, J.; Liu, J.; Chen, L.; Lu, F. Highly Selective Membrane-Free, Mediator-Free Glucose Biosensor. Anal. Chem. 1994, 66, 3600-3603
	481.	Wang, X.; Pardue, H. L. Improved ruggedness for membrane-based amperometric sensors using a pulsed amperometric method. Anal Chem 1997, 69, 4482-4489

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION I IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WIT	

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)			
	482.	Ward, W. K.; Wood, M. D.; Troupe, J. E. Understanding Spontaneous Output Fluctuations of an Amperometric Glucose Sensor: Effect of Inhalation Anesthesia and Use of a Nonenzyme Containing Electrode. ASAIO Journal 2000, 540-546		
•	483.	Wientjes, K. J. C. Development of a glucose sensor for diabetic patients. 2000		
	484.	Wilkins, E.; Atanasov, P. Glucose monitoring: state of the art and future possibilities. Med Eng Phys 1995, 18, 273-288		
	485.	Wood, W., et al., Hermetic Sealing with Epoxy. Mechanical Engineering March 1990, 1-3		

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